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=> d his

     (FILE 'HOME' ENTERED AT 13:11:01 ON 10 OCT 2001)

     FILE 'WPIDS' ENTERED AT 13:11:11 ON 10 OCT 2001
               E EP 97-393111/AP,PRN 25
               E EP 97-303111/AP,PRN 25
L1           1 S E3

     FILE 'USPATFULL' ENTERED AT 14:14:38 ON 10 OCT 2001
L2         177 S 75330-75-5/RN
L3         103 S 81093-37-0/RN
L4          75 73573-88-3/RN
L5         115 79902-63-9/RN
L6         246 S L2 OR L3 OR L4 OR L5
L7      391313 S CRYSTAL?
L8         107 S L6 AND L7
L9      101464 S ETHYL ACETATE
L10      11103 S ETHYLACETATE
L11     104312 S L9 OR L10
L12         79 S L11 AND L8

     FILE 'WPIDS' ENTERED AT 14:25:38 ON 10 OCT 2001
L13        328 S LOVASTATIN OR PRAVASTATIN OR MEVATATIN OR SIMVASTATIN OR
COMP
L14         41 S MEVASTATIN
L15        329 S L13 OR L14
L16         24 L15 AND L7
L17          9 S L11 AND L16

=> log hold
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    64.10     133.37

 SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 14:33:35 ON 10 OCT 2001
Connection closed by remote host
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L14 ANSWER 3 OF 54 CAPLUS COPYRIGHT 2001 ACS
AN 2001:416764 CAPLUS
DN 135:18608
TI Process for recovering statin compounds from a fermentation broth
IN Keri, Vilmos; Deak, Lajos; Forgacs, Ilona; Szabo, Csaba; Nagyne, Edit Arvai
PA Biogal Gyogyszergyar Rt, Hung.; Teva Pharmaceuticals Usa, Inc.
SO PCT Int. Appl., 28 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001039768	A1	20010607	WO 2000-US32391	20001128

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI US 1999-168056 P 19991130

AB A novel process for recovering a compd. from a fermn. broth that includes the stages of forming an enriched soln. of the compd. by extn., obtaining a salt of the compd. from the enriched soln., purifying a salt of the compd. and exchanging the salt of the compd. to a metal salt of the compd.
is disclosed. Thus, pravastatin was extd. by iso-Bu acetate from fermn. broth which had been acidified to pH 2.5 by sulfuric acid. The the pH of the solvent ext. was then adjusted to 11 by the addn. of aq. ammonium hydroxide and the resulting aq. pravastatin soln. was re-acidified and then back extd. with iso-Bu acetate. After the iso-Bu acetate ext. had been partially dried and decolorized with activated charcoal, ammonia gas was added to the headspace of the soln. until all pptn. ceased. The pptd.
ammonium pravastatin salt was collected by filtration, washed with solvents, dild. in water, acetone and iso-Bu acetate, **crystd.** by the addn. of solid ammonium chloride. The **crystd.** ammonium pravastatin further **crystd.** in isobutanol. The ammonium pravastatin salt **crystals** were then dissolved in a water and iso-Bu acetate was added. The soln. was acidified to ph 2-4 with sulfuric
acid, washed with water and the pravastatin was converted to its sodium slat by the intermittent addn. of sodium hydroxide. Excess sodium ions were removed by ion exchange and the sodium pravastatin salt was **crystd.** in a water/acetonitrile/acetone solvent. A sodium pravastatin yield of 65% with a purity of 99.3% was obtained with this process.

RE.CNT 4
RE
(1) Furuya; US 5153124 A 1992 CAPLUS
(2) Gist-Brocades; WO 9837220 A 1998 CAPLUS
(3) Gist-Brocades; WO 991049 A 1999
(4) Teva Pharmaceuticals Usa Inc; WO 0046175 A1 2000 CAPLUS